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1. The Schwarzhelde Works at Semftenberg, near the Ruhland- Lausitz railroad station, employs about 4,600 workers. The plant lies directly on the main highway and has two carefully guarded entrances. The heart of the plant is separated from the rest of the complex by a high stone wall, which is particularly well guarded. Guard I is on the main highway, Guard II at the railroad station. The Schwarzhelde development consists only of the plant and some workers' homes.
2. The main product of this SAS plant is synthetic benzine. By-products are propanegas, liquid soap, and lime.
3. The production of synthetic benzine requires a cobalt-thorium-magnesium cycle. When these materials have been used, they are reduced and can be used again to a certain extent. Up to now the plant has been using the stocks that were accumulated under the Nazis. However, these are just about exhausted. For some time there have been researches to replace the above cycle with an iron-copper-zinc cycle, since the reduction of thorium with flourine is a very expensive process and, moreover, thorium is radioactive.
4. The researches with the iron-copper-zinc cycle have been carried so far that the synthesis has become possible. Nevertheless, the coal gives, by no means, so high a yield with this new process. In addition, the plant will have to be rebuilt to accommodate it.

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